

CCR No. <u>98-0315</u>	Logged Date <u>3/16/98</u>	Rev. <u>-</u>	Request Type <u>CCR</u>
Priority Routine <input type="checkbox"/> Emergency <input checked="" type="checkbox"/>	Affected Release <u>2.0</u>	Change Class <u>INS</u>	
Title (description) Test SGI NFS Rollup # 10 patch on VATC HiPPI hosts			
Documents Affected None		Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference None	
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
Problem BDS is still broken. It has been broken since late November, 1997 when NFS Rollup #7 was installed on raven in the MiniDAAC. Some of the most recent NFS rollups (7 and 8) were developed using IRIX 6.4 which has some subtle differences with IRIX 6.2 when using what is called Direct I/O. The differences cause BDS to be inoperative.			
Proposed Solution There are two alternatives: 1. Wait for the most recent NFS Rollup to become get to General Availability (GA) status in April and start testing. 2. Install Patch 2654 (NFS Rollup #10) in the VATC on the four HiPPI hosts and begin tests. If NFS functionality is maintained, leave patch 2654 in place on the four hosts until the GA patch is available. When the patch is GA, retest, then if successful, test for full ECS compliance in the IDG test cell, then submit new CCR to baseline the BDS 2.0 with rollups package. If NFS functionality is NOT maintained or there are other repercussions, remove the Patch 2654 and wait for the GA patch. Recommend alternative 2. Need date: <u>March 16, 1998</u>			
Impact Analysis: Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input checked="" type="checkbox"/> Procurement <input type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Science Off <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input checked="" type="checkbox"/> Sys Verf Acpt <input type="checkbox"/>			
Cost: None <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> (Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)			
Schedule: None <input checked="" type="checkbox"/> Other _____			
Additional LOC _____		Man-Months _____	
Materials _____			
Originator <u>Byron V. Peters</u>		Signature <u>Byron V. Peters</u> Date <u>03/16/98</u>	
Office <u>SED</u>		Office Manager <u>Randall J. Miller</u> Signature <u>3/16/98</u> Date _____	
Disposition Approved <input checked="" type="checkbox"/> Approved w/Comment <input type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/>			
Comments: <u>w/ RTSC Assistance Only</u>			
CCB Chairperson <u>Karl Luth</u>		Signature <u>Karl Luth</u> Date <u>16 Mar 98</u>	

ORIGINAL